

CRF Errors Corrected by the STIC Systems Branch

P4/09 SV

Serial Number: 09/936,011

CRF Processing Date: 1/27/2002
 Edited by: _____
 Verified by: AP (STIC staff)

ENTERED

5000

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

***Examiner:** The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



PCT09

RAW SEQUENCE LISTING

DATE: 01/27/2002

PATENT APPLICATION: US/09/936,011

TIME: 19:43:29

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01272002\I936011.raw

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3 <110> APPLICANT: Jonard, Gerard
4     Lauber, Emmanuelle
5     Guilley, Hubert
6     Richards, Kenneth
8 <120> TITLE OF INVENTION: METHOD FOR INDUCING VIRAL RESISTANCE INTO A PLANT
10 <130> FILE REFERENCE: 9997.34USWO
12 <140> CURRENT APPLICATION NUMBER: 09/936,011
13 <141> CURRENT FILING DATE: 2001-09-05
15 <150> PRIOR APPLICATION NUMBER: PCT/EP00/02176
16 <151> PRIOR FILING DATE: 2000-03-07
18 <160> NUMBER OF SEQ ID NOS: 4
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 357
24 <212> TYPE: DNA
25 <213> ORGANISM: Beet necrotic yellow vein virus
27 <220> FEATURE:
28 <221> NAME/KEY: CDS
29 <222> LOCATION: (1)..(354)
31 <400> SEQUENCE: 1
32 atg tct agg gaa ata acc gct cga ccc aat aag aat gtg cct att gtt      48
33 Met Ser Arg Glu Ile Thr Ala Arg Pro Asn Lys Asn Val Pro Ile Val
34 1          5          10          15
36 gtt ggt gtt tgt gtt gtg gct ttc ttt gta ttg ctg gcg ttc atg cag      96
37 Val Gly Val Cys Val Val Ala Phe Val Leu Leu Ala Phe Met Gln
38          20          25          30
40 caa aaa cat aag aca cat tct ggg ggt gat tac gga gtc cca aca ttt      144
41 Gln Lys His Lys Thr His Ser Gly Gly Asp Tyr Gly Val Pro Thr Phe
42          35          40          45
44 tct aac ggt ggt ata tat aga gac ggt aca aga tca gct gat ttt aat      192
45 Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn
46          50          55          60
48 agt aac aat cat cgt gct tac ggg tgc ggt ggg tct ggg ggt agc gtt      240
49 Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val
50 65          70          75          80
52 agt agt cga gtt ggg cag caa ctt att gtg tta gct att gtt tct gtg      288
53 Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val
54          85          90          95
56 tta ata gtg tca cta tta caa cga tta agg tct cca cca gaa cac att      336
57 Leu Ile Val Ser Leu Leu Gln Arg Leu Arg Ser Pro Pro Glu His Ile
58          100          105          110
60 tgt aat ggt gct tgt ggt taa      357
61 Cys Asn Gly Ala Cys Gly

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62          115
65 <210> SEQ ID NO: 2
66 <211> LENGTH: 118
67 <212> TYPE: PRT
68 <213> ORGANISM: Beet necrotic yellow vein virus
70 <400> SEQUENCE: 2
71 Met Ser Arg Glu Ile Thr Ala Arg Pro Asn Lys Asn Val Pro Ile Val
72   1          5          10          15
74 Val Gly Val Cys Val Val Ala Phe Phe Val Leu Leu Ala Phe Met Gln
75          20          25          30
77 Gln Lys His Lys Thr His Ser Gly Gly Asp Tyr Gly Val Pro Thr Phe
78          35          40          45
80 Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn
81          50          55          60
83 Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val
84   65          70          75          80
86 Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val
87          85          90          95
89 Leu Ile Val Ser Leu Leu Gln Arg Leu Arg Ser Pro Pro Glu His Ile
90          100         105         110
92 Cys Asn Gly Ala Cys Gly
93          115
97 <210> SEQ ID NO: 3
98 <211> LENGTH: 357
99 <212> TYPE: DNA
100 <213> ORGANISM: Beet necrotic yellow vein virus
102 <220> FEATURE:
103 <221> NAME/KEY: CDS
104 <222> LOCATION: (1)..(354)
106 <400> SEQUENCE: 3
107 atg tct agg gaa ata acc gct cga ccc aat aag aat gtg cct att gtt      48
108 Met Ser Arg Glu Ile Thr Ala Arg Pro Asn Lys Asn Val Pro Ile Val
109   1          5          10          15
111 gtt ggt gtt tgt gtt gtg gct ttc ttt gta ttg ctg gcg ttc atg cag      96
112 Val Gly Val Cys Val Val Ala Phe Phe Val Leu Leu Ala Phe Met Gln
113          20          25          30
115 caa gca gct gcg aca cat tct ggg ggt gat tac gga gtc cca aca ttt      144
116 Gln Ala Ala Ala Thr His Ser Gly Gly Asp Tyr Gly Val Pro Thr Phe
117          35          40          45
119 tct aac ggt ggt ata tat aga gac ggt aca aga tca gct gat ttt aat      192
120 Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn
121          50          55          60
123 agt aac aat cat cgt gct tac ggg tgc ggt ggg tct ggg ggt agc gtt      240
124 Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val
125   65          70          75          80
127 agt agt cga gtt ggg cag caa ctt att gtg tta gct att gtt tct gtg      288
128 Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val
129          85          90          95
131 tta ata gtg tca cta tta caa cga tta agg tct cca cca gaa cac att      336

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```

132 Leu Ile Val Ser Leu Leu Gln Arg Leu Arg Ser Pro Pro Glu His Ile
133          100          105          110
135 tgt aat ggt gct tgt ggt taa
136 Cys Asn Gly Ala Cys Gly
137          115
140 <210> SEQ ID NO: 4
141 <211> LENGTH: 118
142 <212> TYPE: PRT
143 <213> ORGANISM: Beet necrotic yellow vein virus
145 <400> SEQUENCE: 4
146 Met Ser Arg Glu Ile Thr Ala Arg Pro Asn Lys Asn Val Pro Ile Val
147   1          5          10          15
149 Val Gly Val Cys Val Val Ala Phe Phe Val Leu Leu Ala Phe Met Gln
150          20          25          30
152 Gln Ala Ala Ala Thr His Ser Gly Gly Asp Tyr Gly Val Pro Thr Phe
153          35          40          45
155 Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn
156          50          55          60
158 Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val
159   65          70          75          80
161 Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val
162          85          90          95
164 Leu Ile Val Ser Leu Leu Gln Arg Leu Arg Ser Pro Pro Glu His Ile
165          100          105          110
167 Cys Asn Gly Ala Cys Gly
168          115

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VERIFICATION SUMMARY

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